

## **ABSTRACT**

Methods and apparatus, including computer program products, implemented for creating and manipulating groups of color swatches that represent the results obtained by mixing multiple inks, such as multiple spot inks or spot inks and process inks. A mixed color group is defined based on data representing two or more colors, representing inks, and color parameters for each of the colors. The mixed color group includes mixed color swatches that each represent a mixture of amounts of two or more colors. The amounts of colors for each of the mixed color swatches are defined according to a function of the color parameters of the colors. The invention allows a user to create and modify swatches representing a spectrum of mixed colors from a combination of spot colors and/or process colors.

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